

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Mark Labhart

GENERAL INFORMATION:

Name:	Prime Finish, LLC
Address:	129 Cleveland Drive, Paris, KY 40361
Date application received:	March 16, 2004
SIC/Source description:	3479/Coating, Engraving, and Allied Services
AFS(10-digit) Plant ID:	021-017-00031
Application log number:	56418
Permit number:	F-04-018

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
<input type="checkbox"/> Administrative	<input type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input checked="" type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (TPY)	Allowable (TPY)	Potential (TPY)
PM	12.7		12.7
SO <sub>2</sub>	0.01		0.01
NO <sub>x</sub>	1.0		1.0
CO	0.9		0.9
Lead	0.0		0.0
VOC	14.6 **	< 90	455
HAP > 10 TPY (by CAS)			
Ethyl Benzene 100-41-4	0.14 **	< 9	18
Methyl Isobutyl Ketone (Hexone) 108-10-1	0.09 **	< 9	61.4
Xylene 1330-20-7	3.24 **	< 9	87
Total HAP	4.71 **	< 22.5	166.4

\*\* Reported emissions, January 03 to December 03.

**SOURCE PROCESS DESCRIPTION:**

Prime Finish dip coats and paints a large diversity of small plastic, aluminum and magnesium parts. The primary sources of emissions for this facility are two robotic spray booths used for painting operations. Each of these booths has manual-operating capabilities. Numerous insignificant activities exist at this source including dip printing operations, pad printing operations, coating ovens, and a paint booth used for research and development proposes.

**EMISSION AND OPERATING CAPS DESCRIPTION:**

Prime Finish, LLC has requested voluntary permit limits of less than 9.0 tons per year of individual hazardous air pollutants (HAP), less than 22.5 tons per year of combined HAPs, and less than 90 tons per year of VOC.